

LISTING OF THE CLAIMS

A detailed listing of claims is presented below. Please amend currently amended claims as indicated below including substituting clean versions for pending claims with the same number. In addition, clean text versions of pending claims not being currently amended that are under examination are also presented. It is understood that any claim presented in a clean version below has not been changed relative to the immediate prior version.

1. Cancelled in Transmittal.
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21. (New) A keyboard comprising:

a plurality of keys, wherein said plurality of keys includes a plurality of key areas and a plurality of key sensors; and

a mode switch for switching said keyboard from a typing mode, in which said plurality of key sensors generates normal

keyboard signals including alphanumeric signals when key areas are contacted, to a pointing mode, in which each of said plurality of key sensors generates a corresponding pointer movement signal when a corresponding key area is contacted.

22. (New) The keyboard of Claim 21, further comprising: a surface layer of said keyboard, wherein said plurality of key areas is arranged on a top side of said surface layer.

23. (New) The keyboard of Claim 22, further comprising: a plurality of hidden keys in said top side of said surface layer, wherein said plurality of hidden keys provide further resolution to said corresponding pointer movement signal.

24. (New) The keyboard of Claim 21, further comprising: a reference point, wherein said pointer movement signal provides pointer direction and pointer speed of a pointer based on a key direction and key distance of said corresponding key area relative to said reference point.

25. (New) The keyboard of Claim 24, wherein said pointer direction is based on said key direction of said corresponding key area relative to said reference point.

26. (New) The keyboard of Claim 24, wherein said pointer speed is based on said key distance of said corresponding key area relative to said reference point.

27. (New) The keyboard of Claim 21, wherein said keyboard remains in said pointing mode as long as said mode switch is actuated.

28. (New) The keyboard of Claim 21, further comprising:  
a left mouse button; and  
a right mouse button.

29. (New) The keyboard of Claim 21, wherein said keyboard is foldable.

30. (New) The keyboard of Claim 21, wherein each of said plurality of key sensors comprises a corresponding key switch and a corresponding keychip.

31. (New) The keyboard of Claim 30, wherein said corresponding key chip comprises a debouncer circuit.

32. (New) A keyboard comprising:  
a surface layer having a top side;  
a plurality of visible keys comprising a plurality of marked key areas on said top side;  
a plurality of hidden keys comprising a plurality of unmarked key areas on said top side;  
a plurality of key sensors proximally located under marked and unmarked key areas on said top side that generate signals;  
and

a mode switch for switching said keyboard from a typing mode, in which key sensors associated with said plurality of visible keys generate normal keyboard signals including alphanumeric signals when corresponding marked key areas are contacted, to a pointing mode, in which at least one of said plurality of key sensors when actuated generates a corresponding pointer movement signal.

33. (New) The keyboard of Claim 12, wherein in said pointing mode, each of said plurality of key sensors associated with said plurality of visible keys generates said corresponding pointer movement signal when a corresponding marked key area is contacted.

34. (New) The keyboard of Claim 12, wherein in said pointing mode, each of said plurality of key sensors associated with said plurality of hidden keys generates said corresponding pointer movement signal when a corresponding unmarked key area is contacted.

35. (New) The keyboard of Claim 12, wherein in said pointing mode, a key sensor associated with one of said plurality of visible keys in combination with a key sensor associated with a hidden key generates said corresponding pointer movement signal when said corresponding marked key area and corresponding unmarked key area are simultaneously contacted.

36. (New) The keyboard of Claim 12, further comprising:  
a reference point, wherein said pointer movement signal  
provides pointer direction and pointer speed of a pointer based  
on a direction and distance of said at least one of said  
plurality of key sensors that are actuated relative to said  
reference point.

37. (New) The keyboard of Claim 12, wherein said  
keyboard remains in said pointing mode as long as said mode  
switch is actuated.

38. (New) The keyboard of Claim 12, further comprising:  
a left mouse button; and  
a right mouse button.

39. (New) The keyboard of Claim 12, wherein said  
keyboard is rollable.

40. (New) The keyboard of Claim 12, wherein each of said  
plurality of key sensors comprises a corresponding key switch  
and a corresponding keychip.

41. (New) The keyboard of Claim 12, wherein said  
corresponding key chip comprises a debouncer circuit.

42. (New) The keyboard of Claim 12, wherein each of said  
plurality of marked key areas is dimpled.